MODERN PACKAGING

(Vol. XVIII, No. 1, September 1944. In two sections—Section 2)

INDEX TO VOLUME 17 SEPTEMBER 1943 TO AUGUST 1944

GENERAL ALPHABETICAL INDEX

A				Month	Page
	Month	Page	When aluminum returns from the wars; prewar uses; wartime developments; postwar uses—cans of aluminum coated sheet steel, beer barrels, chemical		
Adhesive tape manual; Bauer & Black division of Kendall Co	May	146	carboys; foil. Nathaniel H. Engle	January	66
Flux for tape moistener; International Products		114	(reviewed)	December	148
Corp	November May	114	"Smoke float" for Navy use	January	114
Hardening of adhesive in jars; prevention	February	102	paper wrap as substitute for cellophane wrapped		
Is waterproof adhesive necessary (for a lined folding carton containing a powdered chemical)?	March	170	printed carton; laundry blue; Calco Chemical	November	- 68
Padding-glue without rubber; So-Lo Works, Inc Paper and frisket cement; So-Lo Works, Inc	April May	$\begin{array}{c} 136 \\ 154 \end{array}$	American Iron and Steel Institute-Packaging, Marking	November	00
Pliatub, synthetic-resin type cold padding glue;			and Loading Methods for Steel Products for Over- seas Shipment (reviewed)	December	150
Paisley Products, Inc	June	130	American Management Association—Sponsorship of Package Conference and Exposition	February	116
Tire & Rubber Co	May	142		April	101
paper, cloth or glass cloth, etc.; Durite Plastics,		140	Sponsorship of packaging course at U. S. Forest Products Laboratory	September	106
Resin adhesives. Sidney Thune	August April	$\frac{140}{110}$	American Molasses Co.—Something old, something new; adaptation of production equipment to glass con-		
Thermo-electric glue heater; Divine Bros. Co Waterproof; use in production of weatherproof	May	142	tainers; operations. American Type Founders—Typecuts in boxes	August	97 78
board; E. I. du Pont de Nemours & Co., Inc. (Grasselli Chemicals Dept.)	December	144	Ammunition. See Munitions. Army food. See Food Packaging.	January	10
Water-resistant glues in new geography of packaging.			Army food. See Food Packaging.		
Frank C. Campins	December		ASPHALT Testing grades used in manufacture of weatherproof		
ments	December	84	boxes; Container Testing Laboratories, Inc	December	144
paperboard; Grasselli Chemicals Dept. (du Pont).	July	132	What you should know about asphalt; production; waterproofing qualities; use in paper laminations		
ADVERTISING Annual of Advertising Art (22nd); reviewed	January	114	and coatings; tests	May	72
Display gallery	September	72	AUTOMOBILES AND ACCESSORIES Jeep packaging; parts in small boxes affixed to		
	October November	90 80	bottom of main crate: use of industrial tape	January	71
	December Ianuary	88 82	Replacement parts of "jeeps"; output speeded by conveyor system; Willys-Overland Motors, Inc	May	88
	February	86	Waterproof envelope for engines and other motor parts; Angier Sales Corp	June	146
	March April	$\frac{132}{92}$	parts, August Sales Corp	June	140
	May June	106 86	В		
	July	98	D D''' C D'''' W 1'		
Postwar planning booklets: The U. S. Department	August	110	Bag Fillers. See Filling Machines.		
of Commerce and the Graphic Arts Industry; A Plan for Building Your Postwar Printing Business			BAGS Victory fuel bag of water-resistant material, lined		
Today; General Printing Ink Corp	April	140	with gasoline-proof impregnated, creped cellulose	P-1	70
Should advertising and packaging (labeling) have a single legal standard? Hugo Mock	August	109	wadding	February	72
Televising the package. See Television.			Equipment; Textile Products. Barrels. See Wooden Containers.		
AIR TRANSPORTATION Cargo carriers; postwar light-weight packaging	November	57	Beer. See Alcoholic Beverages. Bendix Aviation Corp. (Eclipse Machine Division)—		
Lobster snipment	June	108	Canned fuses; technical packaging operations	August	83
Packaging for air cargo shipments. Melvin D. Miller.	April	110	BEVERAGE INDUSTRIES		
AIRPLANES Case histories in wood; packaging at Curtiss-Wright			Pepsi-Cola goes to the fountains; 12-oz. bottle with paper cap; plastic dispensers	December	79
Micro-finished aircraft engine parts; packaging un-	May	104	Rehabilitation of shipping containers; White Rock		77
touched by human hands; oil-coating; waxed paper wrapping; corrugated board partitions and			Mineral Springs Co	July	. "
containers; Republic Aircraft Products	November	74	Bonderizing. See Metal Containers.		
Packaging for shipment; experience applicable to automobile shipment in postwar period	October	65	BOOK REVIEWS	Manah	224
Pliofilm wrapping of aircraft engines for shipment What containers for the sky trains? Light weight	October	105	Air Cargoes. J. D. Malcolmson	March January	114
materials, plywood, standardized planning, war			Canned Food Reference Manual; American Can Co. Drying and Dehydration of Foods. H. W. von	December	148
materials priorities, moisture, heat-sealed cello- phane bags for small metal parts, effect of strato-			Loesecke. Looking Toward Better Labels; National Canners	October	124
sphere, perishables, taboo materials	September	46	ASSIL	March	202
ALCOHOLIC BEVERAGES Aluminum beer barrels	January	68	The Modern Barrel Manual, by The Associated Cooperage Industries of America, Inc	June	134
Beer goes overseas in cans Bottle supply for brewing industry	July March	148 190	Packaging Catalog, 1944	July	13
Plywood beer case	April	148	Products for Overseas Shipment; American Iron	December	150
Allen, Arthur S.—Obituary	May	110	and Steel Institute	February	116
ALUMINUM Alcoa predicts 10-fold increase for aluminum pack-			Booth Fisheries Corp.—Fish fillet carton; moisture-	October	75
Aluminum Imagineering Notebook (reviewed): Alu-	January	116	repellent surface. Botany Worsted Mills—Lanolin products (5) packaged to maintain family identity	July	88
minum Co. of America	May	146	BOTTLE CLEANING MACHINES	J J	
Packaging uses—postwar Rigid containers for food and pharmaceutical prod-	November		Automatic ampoule washer; PerfeKtum Products		
ucts; light weight; hermetic sealing possible	April	94	Co	January	110

BOTTI ES	Month	Page	Salt samplers (miniature size); moisture prevention.	Month August	Page 124
BOTTLES Bottle supply for brewing industry Perfume container in old medicine bottle pattern Plastic bottles of polystyrene and other thermo-	March November	190 79	Seawater desalter; briquets and foil envelope with vinyl bag enclosed in vinyl film carrying bag; Naval Medical Research Institute.	January	64
plastics; blowing methods	November December	$\frac{65}{127}$	See also Drug Trade.	,	
Re-use Round and oval bottles replacing Blake; new family		87	CHEWING GUM		
design; Lederle Laboratories, Inc	December August	102	Dispenser package; folding carton, folding shipping carton; Frank H. Fleer Corp	April	77
Stock bottles with ceramic decoration for perfumes;	May	9.4			
Vitamin packaging	April	68	G. I. Joe and Chelseas; Army cigarettes in vacuum		
Division	October	120	peanut cans; fitting Field Rations K and C; sub- stitute for foil wrapping; Larus & Brother Co., Inc.	April	72
Individual cells for munitions, food, candy, etc.; patented lock feature See also Folding Boxes and Display Cartons; Plastics; Set-up Boxes: Plastics; Shipping Containers;	July	89	How cigarette companies save cellophane	April	74 88
Wooden Containers. Bozeman Canning Co.—Cellophane wrap for "Picksweet"			CLOSURES Army Air Forces problems	November	102
frozen peas; uniform design for canned and frozen products.	July	88	Bag closures (sewed); Union Special Machine Co Caps for glass containers; WPB studies	December October	
Special machine for wrapping cartons of Nabisco			Closure tightener—Livermont Torq-Stop Wrench; Richmont, Inc.	August	140
cookies, operation; Package Machinery Co Butler Bros.—Boxed cacti as gift item	June August	$\begin{array}{c} 101 \\ 95 \end{array}$	Corrugated and solid fibre boxes as shipping containers; closure faults	October	73
-			 Glass closure for hot pack; Hartford-Empire Co Gluing paper closures automatically 	January January	110 75
C			How to keep the caps on mint candy fibre containers. Metal closure for truncated paper cone (salted pea-	September	
Can openers. See Hardware.			nuts); The Newark Packing Co	June	91
CANDY AND CONFECTIONERY			milk	March	117
Candy letter and package for servicemen and women; Prince Co	May	96	Paper cap for Pepsi-Cola fountain bottle; plastic dispensers	December	79
How to keep the caps on mint candy fibre containers. Shelf position tests to aid candy bar sales; Point of	September	92	Paper closures for wide-mouth bottles—vacuum seal and screw type	December	76
Purchasing Advertising Institute	December	71	Paperboard re-closures over cellophane covers— home, laboratory, institutional use; construction;		
Drury Lane Chocolate Co	July October	$\frac{102}{128}$	display containers for retailer's unit	August September	104 94
Wrapping for fruit and nut concentrate	October	126	Side seal glass closure with non-rubber gasket;		
Cans. See Fibre Containers; Tin Cans.			Hartford Empire Co	September	
Edible containers; rotary-die process; Gelatin			Hale Textile bags—machine sewing, hand sewing, wire tie,	July	114
Products Co	June	67	tape sealing and heat sealing Toiletries and cosmetics in jars with different types	March	128
in greaseproof paper; wooden containers lined	December	72	of closures	October August	130 148
in greaseproof paper; wooden containers lined with waterproof paper. Cartons. See Folding Boxes and Display Cartons. Cellanese-Celluloid Corp.—Motion picture, "Proving			Type for unit packages. Wooden closures for men's toiletries (Balpine); Ettoh Products Co.	August	94
Ground" on progress in plastic packaging	July	136	See also Cork.		
CELLOPHANE			CLOTHING Handling clothing containers—Navy method of		
Effects of heat sealing on water-vapor permeabilities of coated cellophanes. William Rabak and G. L.	** *	101	palletizing	March	113
Dehority Envelopes for airplane rivets; insulating effect;	March	161	containers for hats, overcoats, underwear, etc	December	68
visibilityFlower shipment by airplane	October September	92 48	COATINGS		
Heat-sealed bags for domestic shipment of small metal parts by airplane	September		Asphalt; cost; properties; uses	May May	72 91
Heat-sealed cellophane tube for bouillon cubes How cigarette companies save cellophane	December September	73 74	Corrosion of tin-nickel alloy coatings on steel. H. R. Copson and W. A. Wesley	March	164
Lamination to plies of multiwall bags Laminations of cellophane and paper	September November		Furfural resins	March May	$\frac{172}{126}$
Lined containers for frozen spinach Liner for frozen vegetable cartons	October July	99 92	Metal container coatings; Service Industries Norelac—a new thermoplastic polymer for packag-	April	136
Liners for frozen foods packages	December	62	ing. J. C. Cowan, A. W. Schwab and L. B. Falken-	M	110
Lining cylindrical or rectangular cartons; Millprint,	December	150	Petroleum waxes; thermoplastic coatings	May January	113 47
Packaging dried bananas; Sanib Corp Set-up boxes with cellophane wraps for cookies;	July	96	Polyvinyl resins	March	224
Cream O-Specialty Sales Co	August	88	ments. John F Halladay Technical aspects in coating impervious papers.	June	111
Sons Tomatoes in cellophane wrapped (machine process)	October	74	Robert Gordon	April	97
trays. Trends in cellophane: meat wraps, individual com- pressed coffee squares, machine-wrapped shirts,	February	78	COFFEE PACKAGING Carbon dioxide in coffee Dehydrated coffee in waxed truncated paper cones;	June	120
bags for rice, sugar, etc., single dose packages of drugs and medicines, ready-to-use fresh vegetables,			closure effected by overlapping and metal-tape sealing; Great Star Soluble Coffee Co	April	76
etc.; visibility; development of self-service	July	84	Vacuum packing of dried milk: flexible packages	October	108
CELLULOSE ACETATE Lipstick container; Mary Dunhill	November	79	Paper bag (70-lb. kraft) as shipping container; Standard Brands, Inc	July	89
Ration and first-aid containers for paratroopers and			Unit (individual) packages	August	80
Army Air Force		65	COLLAPSIBLE TUBES Aluminum tubes for civilian needs; Aluminum Co.		
Co Centaur Company Division Sterling Drug, Inc.—Castoria	June	90	of America	March November	172 54
comes back; newly designed package, linked to old, with emphasis on new formula; automatic			Tube-for-tube plan discontinued March 1, 1944 War "Makeup"; insect repellents; camouflage colors;	February	61
packaging operation; advertising campaign Ceramics. See Pottery.	August	87	collapsible tubes in set-up boxes; Coty	October	75
CHAIN STORES			Wax lining. College Inn Food Products Co.—Dry foods in cartons— chili dinner and Western style beans.	January December	54 73
Postwar horizon—distribution costs; prepacking	November	53	COLOR		
CHEMICALS Aluminum carboys	January	68	Color and human reactions; booklet of Eagle Printing Ink Co., "Color in the War."	March	172
Die-cut paper board unit for laundry blue; Calco Chemical Division of American Cyanamid Co			How leading designers select color for a package a survey; suiting the product, eye appeal, contrast	March	
Fifty years of salt canister styling; fibre containers; Worcester Salt Co.			to competitors, company traditions, functional use,	Fahran	99
Glyceryl monostearate in bead form, "Bemul":	August	92	price. Herbert Kaufman	February	88
Beacon Co		132	Eagle Printing Co	December April	$\begin{array}{c} 150 \\ 63 \end{array}$
carton containing a powdered chemical)?	Tuly	$\begin{array}{c} 170 \\ 120 \end{array}$	Sales value of colorful packages; Cream-O-Specialty Sales Co	August	89
Moisture penetrability of salt packages Phenyl biguanide, preservative for wet gel regener-	February	102	United States Navy standard grey; Textile Color Card Assn	October	124
ated cellulose pellicles packed in a solution of gly- cerine and water		114	Violet-toned box with motifs of violets for violet- scented starch; Gilcor Manufacturing Co	June	90
	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		, and a second s		

May

104

Families of Packages. See Package Families.

6

0

39

72 54 31

75 54

72

88

 $\begin{array}{c} 50 \\ 63 \end{array}$

89

24

90

	Month	Page		Month	Page
FIBRE Laminated fibre substitute for steel or wire strapping;			3-oz. cologne bottle in folding carton; Mary Dun-	November	79
A. J. Gerrard & Co	September	102	hill. Typecuts in boxes; American Type Founders Vitamin packaging Window envelope for garters; Pioneer Suspender Co.	January April June	78 68 104
Banana powder packaging; Sanib Corp	July November	$\begin{array}{c} 96 \\ 104 \end{array}$	FOOD PACKAGING Aluminum containers for food and pharmaceutical		
ing ends of sidewall and pressing between 2 glued discs; telescopic closures; Argent Manufacturing			Army Air Force and paratrooper rations and first aid	April	94
Corrugated containers with wooden slats for cello-	March February	115 79	sets in transparent molded cellulose acetate boxes. Army: from hardtack to Ration K; Subsistence Re- search and Development Laboratory of Army	January	65
phane wrapped tomato trays Cubes of vegetable shortening (Vreamay) in fibre		65	Quartermaster CorpsArmy frozen vegetable standards; cartons, liners,	June	76
board containers; Swift & Company Fifty years of salt canister styling; fibre containers;	January		overwraps, shipping cases, etc. Lt. Robert de S. Couch.	July	90
Worcester Salt CoFish fillet carton; moisture-repellent surface; Booth	August	92	Army rations; asphalt package coating; sealing pro- cedure; Loose-Wiles Biscuit Co.	May	75
Fisheries Corp	October November		Army specifications; banning of paper labels on tin		91
Rectangular vs. round cans. Restricted use; re-use. Shortening containers with parchment liners; Procter	November December	98 109	cans; printed information over rustproof coating. Baked goods; cookies pre-packaged in 5- and 10-cent packages, 2-lb. gift packages; visibility; machine wrapping and sealing; Cream-O-Specialty Sales	May	91
& Gamble Testing fibre cans for moisture protection	May January	94 102	Co	August	88
Water-vapor protection. See also Shipping Containers.	November	98	Bouillon cube packets; waxed paper wrapping, heat- sealed cellophane tube, folding carton; Wyler Brand identity in different types of containers Canned Food Reference Manual (reviewed); Ameri-	December October	73 81
FILLING MACHINES Adaptation of metal can filler to fill glass jars;			can Can Co	December July	148 84
American Molasses Co	August	97	Cereal products; Pillsbury redesigns; identification		65
coating, cartoning; Lambert Pharmacal Co Burlap bag filler; J. John Neuman Engineering &	September	90	symbol, color scheme, recipes	May	
Mfg. Co	April	136	Flour Mills Co.; merchandising methods Color for Ration K cartons; advantages; meeting	August	84
openings. Dry products machine with automatic 2-way con-	November	59	camouflage problem	April	63
veyor; Triangle Package Machinery Co	October	120 73	of special bricking and wrapping machine; Dough- boy Mills, Inc	July	87
Gingerbread mix production; The Hills Bros. Co FIREARMS	January	10	Corrosion of tin-nickel alloy coatings on steel Corrosion on coated metal food containers. C. E. Maier and S. L. Flugge	March April	164 116D
Waterproof covers for firearms (gun boots); vinyl chloride vinyl acetate copolymer bags	June	75	Cubes of vegetable shortening (Vreamay) in fibre- board container; Swift & Company	Ianuary	65
Fleer, Frank H. Corp.—Dispenser package of chewing		77	Dehydrated foods; airplane transport	September	
gum; folding carton, folding shipping carton	April		Dehydrated foods—packaging and storing; digest of paper by William Neuman, F. P. van Wazer and Roger Wilson	Tesler	116
FLOOR DISPLAYS Belts, braces, garters in floor stand; Pioneer Sus-			Dehydrated foods, soup mix, etc., in aluminum foil.	July January	67
pender Co	June	105	Dehydrating with electrons; Vernon W. Sherman of Federal Telephone and Radio Corp	January	110
technique; RCA Victor Division Radio Corp. of America	August	106	Dried bananas (in cellophane-wrapped blocks) and banana powder (in fibre drums); banatose (banana powder, skimmed milk, etc., in glass jars); Sanib		0.0
FLOWERS Airplane transportation	September	48	Corp. Dry foods in cartons—chili dinner and Western style	July	96
Fluoroscopic inspection. See Packages.			Dry ice control; extension of market areas of perish-	December	
FOIL			able products	March	158
Aluminum foil—prewar uses, wartime developments. Nathaniel H. Engle	January	66	Losecke Edible containers (capsules) for concentrated foods;	October	124
Metal foil in multiwall bags	September	82	Gelatin Products Co	June	67
FOLDING BOXES AND DISPLAY CARTONS Automatic packaging of permanent wave kits	August	112	K. W. Brighton Emergency kits for armed forces	January September	93 r 60
Bag lined carton for dry free-flowing powder; manual filling line	October	108	Fish fillet carton; moisture-repellent surface; Booth Fisheries Corp.	October	75
Boullion cube containers; Wyler's	December		Fish and meat in vegetable parchmentFish packing in dry ice	May March	84 160
board bottom; Butler Bros	August	95	Flavored cereal; economical pack—double package,	February	102
lining, etc.; Army standards	July April	$\frac{92}{100}$	Fluoroscopic inspection.	September	
Cellophane-lined containers for quick-frozen spinach. Crease with grain on Miehle cutting and creasing	October	99	Food for babies; boxboard carton coated with mois- ture-resistant synthetic plastic; Lederle Labora-	g t	
press for making folding boxes	June	120	tories, Inc	September July	r 58 120
News filled board for frozen-food cartons Dry foods in cartons—chili dinner and Western style		120	Frozen food packaging; what the consumer wants: protection—water-vaporproofness, leakproofness,		
beans; College Inn Food Products Co Folding cartons for food (lunch box) packs; Dixie			non-absorption of odors, durability; convenience in filling, storing, use; reasonable cost. Nancy		
Cup Co Folding white carton as shipping container of first		72	K. Masterman	May November	78 r 56
Food for babies; boxboard carton coated with		58	Frozen foods; effect of plasticizer on wet strength of papers	April	100
moisture-resistant synthetic plastic; Lederle Laboratories, Inc	September	58	Frozen victory gardens—a new trend in packaging; locker plant packages; deep-freeze units in the		
Frozen foods packaging; bag-in-box type; coated box without bag	December	62	home; standard containers; basic requirements; moisture protection; wrapping methods	December	61
Individual display cartons for Odorono jars Ink packaging; sleeve container with 2 trays and 6	September		Fruits and vegetables in open-mesh textile bags The future of quick-frozen and dehydrated foods.	March	131
bottles; display feature; Sanford Ink Co A key to boxboard economy is in the locks—relieving	May	95	M. A. Williamson	April	101
paper shortage. Richard E. Paige Navy standards for palletized unit loads; types of	January	84	American Molasses Co. Glass-packaging, display effects.	August November	97 r 64
containers for hats, overcoats, underwear, etc Penicillin ampoules in individual folding cartons or	December	68	Glassine as wrapper for Junket rennet powder (Chr.	November	04
boxesPlain box with printed waxed paper wrap as substi-	February	122	Hansen Laboratory); dehydrated cranberries (Cranberry Canners; Inc.)	June	102
tute for cellophane-wrapped printed carton;			Glassine bags for salted nuts; plasticity	April November	100 r 97
laundry blue; Calco Chemical Division of Ameri- can Cyanamid Co	November	68	package. V. W. Sherman	February	99
Replacement of set-up boxes—advantages; Lederle Laboratories, Inc	December		insect intestation; lumigation (methods)—from the	February	96
Salvage campaign	February	75	inside and outside. J. Carl Dawson		
in folding white cartons; Waverly Co	November	69	mology) Lemon oil flavored product; transmission of organic	July	109
with accessories in folding carton with built-in handle; Household Chemists, Inc.	November	69	vapors	March	170
Sleeve box housing 3 vials; individual permanent wave kit; Turner Hall Corp.	March	116	ice; seaweed covering; plane shipment in future Manpower versus machine power in packaging ginger-	June	106
Small arms ammunition in folding cartons sealed with waterproof glue, wax coated	March	112	bread mix; paperboard carton, glassine liner; re- use of shipping containers; The Hills Bros. Co	January	72
Soap cartons—good soldiers in peace and in war; functional beauty. Lane Marohn	May	102	Meat shipment by airplane	September	
Storage and handling in packaging plant; McCor- mick & Co.		76	dropped without parachute	December	
	August	10	Multiwall bags for dehydrated molasses	December	r 148

		_			
011-16-14	Month	_		Month	Page
Oiled fruit wrap Package planning procedure: spices, coffee, etc.;	September	92	Gotham Aseptic Laboratory, Inc.—Sealing and sterilizing bandages simultaneously	May	124
protection, display, individuality, color, produci- bility of design	September	55	Great Star Soluble Coffee Co.—Dehydrated coffee in waxed truncated paper cones		
Package versus bulk handling costs; test product—				April	76
rice. Ralph F. Breyer Packaging cost and package performance—bulk and	December	74	GROCERIES Package planning procedure for refrigerated products;		
package handling; study of rice. R. F. Breyer and Reavis Cox	April	108	package materials and structure exterior design	September	56
Peanuts in truncated, paper cone with metal closure;	Арти	108	"War-born" conversion packages (substitutes for metal containers, etc.); will they last?	March	90
identifying label; automatic filling; corrugated shipping carton; The Newark Packing Co	June	91	See also Food Packaging; Markets.		
Petroleum wax coatings; thermoplastic coatings	January	47	***		
Pliofilm packages Postwar containers; effect of changing ways of living.	October March	104 88	Н		
Postwar containers; feeding the world Poultry freezing after the war	March March	85 170	HABERDASHERY		
Pre-packing of perishable foods—from merchandising			Redesigning without paperboard or cellophane; Pioneer Suspender Co	June	104
viewpoint. W. J. Stelpflug Processed foods in combat areas; types of containers	August	71	Hansen's, Chr. Laboratory Inc.—Glassine as wrapper for	_	
and shipping cases	July	118	Junket rennet powder	June	102
Provision bombs for U. S. and Canadian fighters Ration K, 5-in-1 ration, etc., in folding cartons sealed	September	60	HARDWARE	P-1	70
with waterproof glue, wax coated	March	112	Bait boxes for utility kits and small parts containers Can opener; Tom Thumb variety; Army use	February October	73 74
Shattuck Co	July	79	Packaging airplane rivets in cellophane envelopes; insulating effect, visibility; Consolidated Vultee		
Salt. See Chemicals. Savory herbs; individual glassine-wrapped packets in			Aircraft Corp	October	92
folding white carton; Waverly Co	November	69	Unit packaging of small items	August	80
Shortening; corrugated fibreboard cartons with parchment liners; Procter & Gamble	May	94			
Special bundling machine for wrapping cartons of			HEATING EQUIPMENT Heaters for war zones; wrapping in greaseproof		
Nabisco cookies; Package Machinery Co. Spinach—7,000,000 pounds; preparation, packing, sealing, freezing, storage A. F. Joy	June	101	paper; wooden containers lined with waterproof paper; Carrier Unit Heaters	December	70
sealing, freezing, storage A. F. Joy Sugar, flour, meal, etc., in textile bags with protective	October	98	Hot boxes—packaged fire for fighting men; prepa-	December	12
liners	March	129	ration, packaging, use (heating rations)	July	80
Tea sifting in carton with cellophane wrapper; prevention	December	106	in packaging gingerbread mix; paperboard carton,		
Tomatoes—paper wrapped, crated in South; re-	December	100	glassine liner; re-use of shipping containers Household Chemists, Inc.—Shine remover and accessories	January	· 72
packing plants in North; cellophane-wrapped (machine process) containers in corrugated cartons.	February	78	in 16-oz. bottle housed with accessories in folding		00
Vinyl resin-coated packages—coffee, dehydrated		156	carton with built-in handle	November	05
foods, etc	March	100	box; cosmetics and beauty aids	August	94
foods; cold drink cups in wall dispenser; Dixie Cup Co	February	72			
What is relation of WFA to WPB containers branch?			I		
Programming of food production and containers See also Dairy Products; Groceries; Markets.	October	96	INK		
Ford, Henry—How Henry Ford ships war goods (anti-			Postwar printing developments; coated papers	June	140
aircraft gun director, crankshafts, transmissions, motors, engines, jeeps)	January	69	Sleeve container with 2 trays of 6 bottles each; display feature; Sanford Ink Co	May	95
Freight claims; faulty packing Fumigation—from the inside and outside (insect infesta-	October	70	Vour ink man can help you avoid mistakes: printing	May	98
tion). J. Carl Dawson	February	96	cartons, etc. Jack Tonnsen Institute of Food Technologists—Conference; digests of		
FURNITURE			papers bearing on packaging	July	116
Crating and shipping; cost of railroad freight	0.11	=0	T		
Mobile piano for overseas canteens; shipping box	October	72			
lined with asphalt laminated paper	September	76	Johnson & Johnson-First aid travel kit in paper set-up		
FUSES			box; shipment in white folding carton	September	58
Canned fuses; technical packaging procedure; wooden shipping case; Bendix Aviation Corp.			K		
(Eclipse Machine Division)	August	83	K		
			Kingfisher Fishing Tackle—Tackle for fighting men in molded cellulose acetate box 3" × 3" × 1"	T	00
			molded cellulose acetate box 3" × 3" × 1"	June	90
G			L		
GARDEN SUPPLIES			-		
Bags for hydroscopic product (plant food)	July	120	LABELING		
Pestless Victory gardens; various chemicals and manual in duplex kraft bag; The Courtman			Can-labeling machine adapted for use with glass; American Molasses Co	August	98
Chemical Co	May	95	Progress in roll-type labels; application methods.		
Seeds at war; shipments abroad; types of containers. Millard C. Faught	December	80	Ralph C. Russell	November November	
CASOLINE			LABELS		
GASOLINE Transportation; Victory fuel bag of water-resistant			By popular vote; labels for men's toiletries (Balpine);		
material, lined with gasoline-proof impregnated, creped cellulose wadding	February	72	Ettoh Products Co	August	94
Gelatin Products Co.—Capsule manufacture; rotary-die			to tin and other hard, smooth surfaces; Williamson	Ostobon	100
Gerard Steel Strapping Co.—Steel strapping kit for over-	June	67	Adhesives, Inc Informative labeling; importance in self-service	October	120
seas	June	97	Labels that carry the flag; War Food Administra-	March	103
GIFT PACKAGING			tion's standard package design, Foreign Economic		
Candy letter and package for servicemen and women;	May	96	Administration's Lend-Lease flag Looking Toward Better Labels (reviewed); National	June	72
Prince Co			Canners Assn	March	202
Lull Gift Wrap Service	May	70	Must American labels be blacked out? Camouflage by use of water-resistant labels and adhesives;		
tainers; Drury Lane Chocolate Co	July	102	Army requirements New technique for readability of drug labels; family	December	84
Gilcor Manufacturing Co.—Violet-toned box with motifs of violets for violet-scented starch	June	90	of 70 products; Lederle Laboratories, Inc	December	
GLASS			OPA substitutes for grade-labeling requirements	September	74B
Automatic glass packaging; outline of Glass Packag-			Paper labels banned by Quartermaster Corps; sub- stitution of printed information over rustproof		
ing Manual in preparation. H. S. Barnby Postwar horizons	December November		Penicillin vipules and ampoules	May February	91 59
	* 10 vember	00	Vitamin labels	April	146
GLASS CONTAINERS Food packaging: display effects	November	64	Lambert Pharmacal Co.—Ampoule filling with iodine— mechanical process; coating, cartoning	September	90
Food packaging; display effects	January	110	Laminating. See Packaging Materials—Lamination. Larus & Brother Co., Inc.—G. I. Joe and Chelseas; Army	-	
Jars for OdoronoPenicillin packaging	September February	59 53	cigarettes in vacuum peanut cans; fitting Field		
Something old, something new; production equip- ment of American Molasses Co. adapted to glass			Rations K and C; substitute for foil wrapping Lederle Laboratories, Inc.—Food for babies in boxboard	April	72
containers	August	97	carton coated with moisture-resistant synthetic	0	
Standardization	December	130	Plastic	September	58
effect of standardization; man-power and trans-			of 70 products; new types of boxes and bottles	December	86
portation, fuel, shipping cartons, closures. T. E. Manwarring	October	95	LIFE SAVING EQUIPMENT		
See also Bottles.			Food rations	September	61

			•		
	Month	Page		Month	Page
Life-saving flares in metal and plastic; Navy's "abandon-ship" signalling kit	February	71	Protective qualities of X-crepe paper	March	123
Sea-marker package; letter from Aldine Paper Co., Inc. Liquors. See Alcoholic Beverages.	September		ing for the Signal Corps.; Western Electric Roving heat sealer for motor wraps; application of laminated sheet of scrim cloth to prevent corrosion;	August	114
Loose-Wiles Biscuit Co.—Asphalt coatings for Army biscuit cartons; sealing procedure.	May	75	D. W. Onan & Sons	May	108
Lull, Mary, Gift Wrap Service—Non-critical materials as package decoration		70	Paper Co., Inc	November	114
LUMBER PRODUCTS	,		Michigan Tool Co.—Functional design increases uses for tool boxes.	June	83
By-product of wood shavings; method of packaging "Inderon," structural product produced by surfacing plywood with plastic laminate; Buffalen Lumber	August	124	Miniature Packages. See Packages, Miniature; Unit Packaging.		
& Mfg. Co.; Washington Veneer Co	August	140	MOISTURE Fibre can for moisture protection	November	104
М			Frozen foods packaging; resistance to moisture-vapor penetration; cellophane bags, heat-sealed Lead seal for machine gun plastic sheet covering;	December	67
MACHINERY AND TOOLS			The measurement of humidity equilibria. W. H.	March	117
Automatic briquette former; F. J. Stokes Machine	April	136	Graebner	April September	116 102
Cutting and facing tools in chipboard set-up box covered with identifying photographs; packing			100% relative humidity too high for tests Penetrability of salt packages	April February	$\frac{100}{102}$
technique; re-use as storage unit; Robert H.	April	88	Pliofilm properties	October	107
Foreign patents held by Alien Property Custodian Covernment contracts; re-negotiation	December December	135 133	Signal equipment protection; radios, telephone	August	91
Government contracts; termination Package for cutting tools—cardboard box and wood	December	131	switchboards, teletypewriter machines, batteries, etc.; Western Electric	August	114
Blocks; Robert H. Clark Co	November		(Chr. Hansen's Laboratory); dehydrated cran-		
Products Co	June	67	berries (Cranberry Canners, Inc.)	June January	$\frac{102}{102}$
Steel strapping kit for overseas; strapping in steel	March	112	Water-vapor permeability W. H. Graebner Water-vapor permeability testing; TAPPI Con-	December	119
container; strapping machine and container wrapped in waterproof paper; wooden shipping			ference	November	102
case; Gerrard Steel Strapping Co	June	97	packaging	May	79
shop on wheels for Army service; packaging methods	September	50	and used. E. A. Skidmore	March	118
Twin hot-wax dip tanks; Aeroil Burner Co., Inc See also Bottle Cleaning Machines; Bundling Ma-	April	136	MUNITIONS Aluminum foil wrapping	January	67
chines; Conveyors; Counting Machines; Filling Machines; Hardware; Metal Equipment; Packag-			Can to hold parachutes and fuses for 23-lb. fragmentation bombs; Army Air Corps	February	73
ing Machinery; Plant Installation; Sealing Equip- ment; Weighing Machines; Wrapping Machines.			Plywood containers. Protective qualities of X-crepe paper	April March	83 123
MARKETS			Small arms ammunition in folding cartons sealed with waterproof glue, wax coated	March	112
Self-service; effect on packaging Super Market Institute; 7th annual conference	November October	$\frac{63}{124}$	Waxed coating	January	47
Marshall, Wm. L., Ltd.—Plywood's prospects; manufacture of resin-bonded plywood; use as con-			N		
tainers—functional and decorative; re-use	April	82			
MEDICAL AND SURGICAL SUPPLIES Camouflage to balk snipers; natural kraft cartons			National Biscuit Co.—Special bundling machine for wrapping cartons of Nabisco Cookies; Package		
instead of white; natural kraft paper, etc First aid travel kit in paper set-up box; shipment in	December	92	Machinery Co	June	101
First aid travel kit in paper set-up box; shipment in white folding carton; Johnson & Johnson How Important Is Packing and Packaging? Booklet of Army Medical Purchasing Office and War Ad-	September	58	Better Labels Naval Medical Research Institute—Seawater desalter	March January	$\begin{array}{c} 202 \\ 64 \end{array}$
vertising Council Leeches in tin and wooden containers; packing in	June	134	NORSEAL Norseal—a new cork substitute; preparation, cost,		
clay for export, in moss for domestic shipment; Charles Yaccobellis	November	88	etc.; use in crown caps. S. I. Aronovsky, W. F. Talburt and E. C. Lathrop	June	116
Military supplies in pug-nose box which can be dropped without parachute	December		NOVELTY PACKAGES	,	
Packaging medical supplies for the Army—protection, accessibility, dispensability. James D.	November	100	Manicure kit in plaster of paris elephant; circular display base; La Cross	March	116
Studley Pill box in heat-sealed envelope of kraft paper, cellulose film and metal foil; production opera-	November	100	0		
tion; Upjohn Co	February	62			
months	June	120	OFFICE EQUIPMENT AND SUPPLIES Plastic slide rule; Tavella Sales Co	April	136
Gotham Aseptic Laboratory, Inc	May	124	OIL		
plasma; first aid kitsVegetable parchment wrapping for instruments,	October	84	Non-hygroscopic, self-emulsifying, edible oil of in- terest to manufacturers of lacquer emulsives;		
dressings, etc	May September	$\frac{152}{92}$	Beacon Co Onan, D. W. & Sons—Roving heat sealer for motor wraps;	February	112
MERCHANDISING			wrapping to prevent corrosion	May	108
Merchandising the package change—methods; Pillsbury Flour Mills Co	August	84	P	,	
See also Package Merchandising. Merck & Co., Inc.—Penicillin packaging; dry method Merit Paint Co.—Five gallons of paint in corrugated	February	122	-		
Merit Paint Co.—Five gallons of paint in corrugated board; hexagonal-shaped drums	November	86	PACKAGE CONTESTS National Coffee Association Convention; 7th Annual Packaging Show sponsored by The Spice Mill;		
METAL CONTAINERS Blackplate and tin	February	104	awards	December	150
Bonderizing; technical processes; can-making Leech shipments; packing in clay; Charles Yacco-	February	93	PACKAGE DESIGNING Appetite appeal in decorative chili dinner and		
bellis	November May	88 146	Western style beans packages; College Inn Food	December	73
See also Tin Cans.			Products Co. Baseball theme; "Batter-up" series; pottery containers for shaving cream, lotion, talcum and		
METAL EQUIPMENT How Henry Ford ships war goods (anti-aircraft gun			deodorant; replicas of baseballs, bats, etc., "Home Run Set"; Sportline, Inc.	January	64
director, crankshafts, transmissions, motors, en- gines, jeeps); rust-inhibiting coating, oil-resistant			Christmas suggestions. See Gift Packaging. Color for Ration K cartons; advantages	April	63
waxed paper wrapping, wooden crates, airtight sealing, waterproof coating, jeep packaging	January	69	Consumer convenience features. See Consumer Convenience.	110111	3.0
Lead seal for machine gun plastic sheet covering;	March	117	Cosmetic kit for baby, pink and blue colors; Helene Pessl.	August	95
other uses. Oil dipping of "jeep" replacement parts; conveyor system; Willys-Overland Motors, Inc.	May	88	Dispenser types. See Dispensers. Emergency containers—more than one type for a	6404	
Oil-impregnated crepe wrap for metal parts; Angier		00	brand; trade-mark identity	October	81
Corp.		144		October	
Corp Overseas shipments of war communications systems;	December	144 76	Family relationships. See Package Families. Functional beauty; postwar soap cartons	May	156
Corp Overseas shipments of war communications systems; packing technique; Western Electric Co Packaging, Marking and Loading Methods for Steel		144 76	Family relationships. See Package Families. Functional beauty; postwar soap cartons Functional design increases uses for tool boxes; Michigan Tool Co		
Corp Overseas shipments of war communications systems; packing technique; Western Electric Co	December	76	Family relationships. See Package Families. Functional beauty; postwar soap cartons Functional design increases uses for tool boxes;	May	156

	Month	Page		Month	Page
Holiday trends. See Gift Packaging. How a design is born; shell designs for Mary Dunhill			X-Ray machine for fluoroscopic package inspection; North American Philips Co., Inc	March	
cosmetics How leading designers select color for a package	November	78	PACKAGING	March	172
a survey; suiting the product, eye-appeal, company			AMA sponsorship of packaging course at U. S. Forest		
traditions, etc. Herbert Kaufman	February May	88 94	Products Laboratory	September	106
Merchandising factors	November		Changing ways of living—population shifts, farm markets, housing, kitchens, fewer servants, fewer		
Novelty designs. See Novelty Packages. Plain box with printed waxed paper wrap as sub-			younger consumers, fewer men, more important women, marital status, new consumer awareness,		
stitute for cellophane-wrapped printed carton;			income, new consumers for packaged goods-		
laundry blue; Calco Chemical Division of American Cyanamid Co	November	68	effect on postwar packaging. Arthur P. Hirose Economics of packaging; cost of product, packages,	March	86
Plastic containers. See Plastics.			value of returned merchandise	December	117
Plywood containers; decorative qualities, etc Postwar design "in work"; basic principles plus war	April	83	Educational requirements	September December	112
lessons. Raymond Loewy	March	106	Future trends in distribution-merchandising	December	
Jack Tonnsen	May	98	methods, self-service, store fixtures, television, vending machines, quick-freezing and dehydration;		
Proprietary medicine (Castoria) in new package linked to old, with emphasis on new formula;			importance of appropriate packaging. A. B.	M	100
Centaur Company Division Sterling Drug, Inc	August	87	How to organize a packaging department. Charles	March	102
Redesigned packages; methods of merchandising; Pillsbury Flour Mills Co	August	84	A. Southwick, Jr	March	138
Re-use packages. See Re-use Containers.			C. W. Browne	January	55
Space-saving stacks; ink bottles in 2-tray sleeve; Sanford Ink Co	May	95	The organization and operation of a package develop- ment department. Fred A. Nuessle	April	103
Square boxes for cosmetics; Revlon	November	68	Patterns for package planning; points named by	при	100
Stock bottles individualized by ceramic ornament; Corot Perfumes	May	94	producers—perfumes and cosmetics, cereal com- pany, spices and other food products, soaps,		
Television; effect on package design	November	57	grocery products	September	54
service, unit size, commodity and brand identi-			Plan now for re-conversion; after-the-war program. C. W. Browne	October	59
fication, potential selling power, instructions, storage possibilities; research agencies. Samuel			Postwar horizons; consumer needs; merchandising		
G. Barton	March	104	methods; new styles of packages; materials new and old; effect of changed ways of living	November	51
Violet-toned box with motifs of violets above and below trade name for violet-scented starch; Gilcor			Storage of materials. See Packaging Materials.		
Manufacturing Co	June	90	Survey of current operating practices in package development; personnel, training, departmental		
PACKAGE ENGINEERING			activities, packaging committees. Henry J. How-	Manch	194
Basis of package engineering. F. S. Leinbach	December	116	lett Packaging Catalog (reviewed)	March July	$\begin{array}{c} 134 \\ 136 \end{array}$
Economic basis. See Packaging. Functional Packaging. See Packaging.			Packaging Conference and Exposition (Fourteenth)—	April	101
Manual of package engineering—outline	December	115	Abstract of proceedings Sponsorship by American Management Association.	February	116
Material Tests. See Packaging Materials. Package Tests. See Packages.			Tentative program and list of exhibitors	March	204
Packaging Problems. See Shipping and Packing Problems.			PACKAGING INDUSTRY		
			Land of plenty; postwar job of feeding the world; container problems. C. W. Browne	March	85
PACKAGE FAMILIES Cellophane wrap for "Picksweet" frozen peas; uni-			Packaging Institute—Annual meeting; program	November	
form design for canned and frozen products;			Annual meeting; theme, "Meeting Wartime Re-	Decembe	107
Bozeman Canning Co	July	88	strictions"; proceedings		
symbol, color scheme, recipes	May	65	port on test procedure	April	116D
Colored paper wraps to identify different perfume odors; Corot	May	94	PACKAGING MACHINERY		
Frozen peas; cellophane wrap; uniform design for		0.	Alien patents dealing with packaging available to American public; list of equipment and machinery.	January	122
canned and frozen products; Bozeman Canning	July	88	Automatic machinery for unit (individual) packaging.	August	80
Lanolin products (5) packaged to maintain family			Bulletin of Triangle Package Machinery Co An engineer speaks for the future; specifications for	March	172
identity; Botany Worsted Mills	July	88	postwar equipment-operation, safety, speed, set-		
wooden closures; Ettoh Products Co	August	94	up, output, design. L. W. Kendrick	December March	$\frac{90}{214}$
New technique for readability of drug labels; family of 70 products; new types of boxes and bottles;			What machinery men say (about postwar machinery).	March	108
Lederle Laboratories, Inc	December	86	What users want and need in postwar packaging machinery. Douglas S. Kirk	April	109
Perfumes and cosmetics; package planning pro- cedure; trademark visibility; aesthetic and utility					
elements	September	54	PACKAGING MATERIALS Alien patents dealing with packaging available to		
and box; separate identifying tight wrap and			American public: list of unfabricated packing		
Shell theme for Mary Dunhill cosmetics and cologne;	December	72	materials, fabricated packages, equipment and machinery. Harold A. Levey	January	87
two exceptions	November	79	machinery. Harold A. Levey. Availability. See Washington Review.		
Package Machinery Co.—20th annual convention of sales representatives	February	116	Critical materials—question and answer session; paperboard, wooden containers, sheet steel, glass,		
	1 001 001		plastics	April	114
PACKAGE MERCHANDISING Boxed cacti; colorful container; Butler Bros	August	95	Export opportunities	March	214
Consumer convenience	November		metal foil, asphalt and cellophane; wartime and postwar use; air cargoes	November	55
The consumer's stake in pre-packed merchandise. Sam Eskin	April	111	How long Government controls? WPB machinery		
Double sales message in cartons of cool green color and new ingredient (Diexin) in sticker effect—			for integrating production programs. J. A. Krug Insect penetration of packaging materials. E. O.	March	93
Krank's Shave Kreem; Consolidated Royal			Essig and others (Journal of Economic Ento-	* 1	100
Chemical CorpFuture trends in distribution—merchandising	June	91	mology) Lamination:	July	109
methods, self-service, etc	March	102	1. Theory and composition. Charles A. South-	Y 1	10"
Market analysis	November	63	wick, Jr	July August	$\frac{105}{117}$
rice. Ralph F. Breyer	December	74	Materials in a war economy-paperboard, metal	-	
Packaging cost and package performance—bulk vs. package handling of rice. R. F. Breyer and Reavis			containers, collapsible tubes, glass; panel discussion	December	123
Cox	April	108	Mechanism of gas flow through membranes. L. W.	February	100
Pre-packaging of perishable foods—from mer- chandising viewpoint. W. J. Stelpflug	August	71	Elder Norelac. See Coatings.		
Testing marketwise, potential selling power, etc	March	104	Oil and grease penetration. F. S. Leinbach Polystyrene. See Plastics.	December	120
PACKAGES			Requirements of protective papers for ordnance		
Fluoroscopic inspection	September	66	overseas packaging. H. T. Holbrook Saran film; its properties and postwar potentials as	November	98
The housewife looks at packaging; sizes and shapes—adaptability to shelving. Mabel A. Rollins	July	69	a moisture proof packaging material. F. J. MacRae	D	0
Miniature packages of Stim-u-Dents (tooth space cleansers and gum massagers) for the pocket or			and H. L. SchaferShortages; use of more than one type of container	December	95
purse	April	77	for a brand-food, coffee, shoe polish, toiletries	Ontotal	01
Oil and grease penetrationPackage tests; mechanical, chemical, visual	December December	$\frac{122}{121}$	Standard test methods on packaging and packaging	October	81
Product tests; mechanical, chemical, visual	December	121	materials—development. C. A. Southwick, Jr	December	$\frac{114}{110}$
Shape; cylindrical, rectangular, etc Substitute packages (substitutes for metal containers,	December	123	Stiffness tester; Tinnius Olsen Testing Machine Co Storage and handling of paper, metal containers,	January	110
etc.); will they last?	March	90	glass, plastics, cellophane, metal foil; McCormick	August	76
Testing methods—standardization. Charles A. Southwick, Jr	September	86	& Co		
Southwick, Jr Water penetration. W. H. Graebner Will they last? "War-born" conversion packages	December	122	Southwick, Jr	September	86
(substitutes for metal containers, etc.) and a basis		0.5	materials and re-use containers. C. W. Browne	February	61
for judging their continued use in postwar years	March	90	Turpentine as testing medium for greaseproofness	December	TOD

 $01 \\ 02 \\ 64$

*			•		
Vegetable parchment, wet strength and grease re-	Month	Page	Popui Cala goes to the fountainer, 19 or hettle with	Month	Page
sistant. J. R. Dufford	May	83	Pepsi-Cola goes to the fountains; 12-oz bottle with paper cap; plastic dispensers	December October	$\begin{array}{c} 79 \\ 74 \end{array}$
Water penetration. W. H. Graebner	December	120	Waxed-truncated paper cones for dehydrated coffee; closure by overlapping and metal-tape sealing; Great Star Soluble Coffee Co	April	76
paign. Charles L. Sheldon	December		See also Folding Boxes and Display Cartons; Set-up Boxes: Paper.		
products—progress in packaging subsistance items. PACKAGING PAGEANT	November	r 97	PATENTS		
	September October	64 86	Alien patents dealing with packaging available to American public; list of unfabricated packing		
	November December		materials, fabricated packages, equipment and machinery. Harold A. Levey	January	87
	January February	76 82	Penicillin. See Drug Trade.		
	March April	124 86	Pepsi-Cola Company—Pepsi-Cola goes to the fountains; 12-oz. bottle with paper cap; plastic dispensers Pessl, Helene—Cosmetic kit for baby	December August	79 95
	May June	100 98	Pfizer, Chas. & Co.—Penicillin packaging; wet and dry methods	February	60
	July August	$\frac{94}{100}$	PHONOGRAPH RECORDS	1 contains	00
Packing problems. See Shipping Problems. PAINT AND VARNISH			Self-selection departments; supermarket technique; types of displays and fixtures; RCA Victor Divi-	A	100
All-fibre container for oil paste; construction, tests, etc. F. J. Williams and A. R. Pitrot	June	92	sion Radio Corp. of America	August	106
Aluminum foil-lined fibre paint can	January	116	PHOTOELECTRIC CELLS Electronics at work on quality control; photoelectric cell on wrapping machines. V. B. Baker	Managhan	01
Paint Co	November	86	Piano packing. See Furniture.	November	91
less than 20 degrees F	September	49	Pillsbury Flour Mills Co.—Merchandising the package change; methods	August	84
PAPER Are they saving paper? Ask WPB; paper salvage			scheme, recipes	May June	$\begin{array}{c} 65 \\ 104 \end{array}$
campaign; re-use containers; unused new boxes. R. L. Van Boskirk	February	74		June	104
Case stories in paper conservation and container re-use.	April	116A	PLANT INSTALLATION Something old, something new; production equipment of American Molasses Co. adapted to glass		
Comparative paper and paperboard production, 1942 and 1943.	September		containers; operating technique	August	97
Curling in multi-ply paperFireproofing and moldproofing	April May	$\frac{146}{126}$	PLASTICS	E-1	79
How American business can conserve more paper in 1944 (reviewed); Assn. of National Advertisers,	Man	140	Bait boxes for utility kits and small parts containers. "Blocking" (self-sealing) of thermoplastic materials. Bottles of polystyrene and other thermoplastics;	February December	$\begin{array}{c} 73 \\ 118 \end{array}$
Inc Is everyone conserving paper? Direct mail ad-	May	146	blowing methods	November	65
vertising. C. W. Browne Lens tissue replacing Japanese tissue; Scott Paper	April January	85 114	Bright future for vinyl resins; properties; use in food packaging. Allen F. Clark	March June	$\frac{153}{130}$
Co Nationwide drive for more pulp—production and conservation. R. L. Van Boskirk	September	45	Furfural resin development; use as a laminate, etc Life-saving flares in metal and plastic; Navy's	March	172
Paper situation; supply of pulp logs, priorities, conservation, reclamation and re-use practices,	September	10	"abandon-ship" signalling kit	February	71
packaging material supply, government and civilian orders. C. W. Browne	September	43	skin"). Packing uses; research.	July November	$\frac{100}{56}$
Melamine resins for wet strength paperPlasticizer effect on wet strength	September April	88 100	Pill box in heat-sealed envelope of kraft paper, cellu- lose film and metal foil; production operations;	210101111111	00
Salvage; impetus given by Robert Gair Co., Inc Sea-marker package; letter from Aldine Paper Co.,	January	114	Upjohn Co	February	62
Inc. Success stories in glassine; Junket rennet powder (Chr. Hansen Laboratory); dehydrated cran- berries (Cranberry Canners, Inc.)	September	106	Goodrich Go Plastic rollers (lucite methyl methacrylate) for offset	May	142
(Chr. Hansen Laboratory); dehydrated cran- berries (Cranberry Canners, Inc.)	June	102	printing; Lumirol Co Plastic skin; ordnance wrapping in hot-dip ethyl-	May	142
Army and Navy Requirements conference; sum-			cellulose coating; minimum properties; tests Plastics Catalog for 1944 (reviewed)	February February	$\begin{array}{c} 64 \\ 116 \end{array}$
mary of addresses Testing apparatus	November December	$\frac{96}{123}$	Polystyrene—properties and uses. G. W. Whitehead and M. A. Brown, Jr	May	120
"War-born" conversion packages (substitutes for	December	106	Polyethylene, postwar plastic—uses; E. I. du Pont de Nemours & Co., Inc.	March	172
metal containers, etc.); will they last?	March	90	Polyvinyl resins; group developed by Chemical Div. of the B. F. Goodrich Co	March	172
paperboard, amount anticipated, wood pulp allo- cated, ration of pulp to product	February	106	"Proving Ground"; motion picture on developments in plastic packaging; Cellanese-Celluloid Corp	July	136
Waste paper salvage situation	March	190	Puckering of films in heat sealing	December	106
war communications systems	October	77	Resin adhesives. See Adhesives. Slide rule of vinylite; Tavella Sales Co Stock room bin card holders; Hollywood Athletic Co.	April February	$\frac{136}{112}$
output. What can engineers expect of paper packaging? List	April November	118	Stripping urea; use for closures; properties. W. H. MacHale	July	114
of requirements. John C. Babson	September		Thermoplastic (Cerex) that can be boiled; food, drug and cosmetic containers; Monsanto Chemical Co. U.S.O. in a box; compact service kit distributed by	July	132
Wrapping for fruit and nut concentrate	October	128	"42" Products, Inc. E. F. Lougee	February	90
Paper Co., Inc	November	114	& Rubber Co	March April	$\frac{172}{67}$
used. E. A. Skidmore	March	118	Waterproof covers for firearms (gun boots); vinyl chloride vinyl acetate copolymer bags	June	75
PAPER BAGS Cloth ply in multiwall bag inadvisable	February	120	PLIOFILM	June	
Crepe paper and asphalt in 3-ply lamination; packag- ing blood plasma	October	84	Laminated heat-sealed bag encasing aircraft engine— protection against moisture	March	112
Free water in multiwall bags	January July	$\frac{102}{138}$	Lamination in multiwall bags Properties and future possibilities—food containers,	September	
Multiwall bags for dehydrated molasses	December September	$\frac{148}{79}$	drygoods wraps, protective shipment of aircraft engines; electrical properties, strength, diffusion		
Multiwall bags—variety and uses Pestless Victory gardens; various chemicals and	November	54	rates, etc	October	103
manual in duplex kraft bag; The Courtman Chemical Co	May	95	PLYWOOD Plywood's prospects; manufacture of resin-bonded		
Salvaging multiwall bags	January	102	plywood; use as containers—functional and decorative; re-use; Wm. L. Marshall, Ltd	April	82
PAPER PRODUCTS Glassine bags for salted nuts; plasticity	April	100	Point of Purchasing Institute—Shelf position tests to aid candy bar sales.	December	71
Glassine-wrapped packets of savory herbs Laminated envelope for "Carlisle model bandage with sulfanilamide" in asphalt-laminated paper-	November	69	POTTERY	_ ccimber	
board sleeve	October	85	Perfume containers; ceramic flower and screw top on stock bottles; Corot	May	94
and screw type	December	76	Precision Tools. See Scientific Instruments.		
Service packaging—waterproof paper, asphalt- laminated cylindrical containers, etc. Theodore P.			PRINTING MACHINERY Color for lettering on tablets	June	120
Steinmetz Peanuts in truncated, paper cone with metal closure;	November	98	Procter & Gamble—Ivory soap in new dress; improved eye-appeal	April	76
identifying label; corrugated shipping carton; The Newark Packing Co	June	91	Shortening in corrugated fibreboard cartons with parchment liners	May	94

	Month	Page		Month	Page
PRODUCTION Conversion and reconversion of bottling line; shift			Heat-sealer with air extractor; Amsco Packaging Machinery, Inc	August	140
from military to civilian output and vice versa Makeshift packaging line—iothe filled ampoules; Lambert Pharmacal Co	November		Heat-sealing frozen foods packages with curling iron or flat iron	December	62
Manpower versus machine power in packaging ginger- bread mix; paperboard carton, glassine liner; The	September		Heat-sealing frozen spinach container Heat-sealing machine; Package Machinery Co Heat-sealing of glassine bag; carton sealing; ginger-	October October	$\begin{array}{c} 99 \\ 120 \end{array}$
Hills Bros. Co Something old, something new; production equip-	January	72	bread mix. Hot asphalt for sealing prefabricated waterproof bags;	January	74
ment of American Molasses Co. adapted to glass containers.	August	97	Western Electric Co Lead seal for machine gun plastic sheet covering;	October	77
R			other uses. Liquid chemical for tape sealing; Seal, Inc. Metal-tape sealing for dehydrated coffee containers. Multi-use heat sealer; Pack-Rite Machines.	March December April May	117 144 76 142
Radio Corp. of America (RCA Victor Division)—Self-			Non-critical jar rings of Koroseal. B. F. Goodrich	September	
selection for phonograph records; supermarket technique	August	106	Penicillin vipules; flame-sealed. Pressure sealing tapes; International Plastic Corp Puckering of films in heat sealing Reconversion of double filling, heat-sealing machine	February May December	59 154 106
Dry ice control; extension of market areas of perishable products	March	158	for dental poultice pads in cellophane envelopes to wrapping Army ration powders	February	84
Frozen food storage units Reichel Laboratories, Inc.—Penicillin packaging; wet	November		Roving heat sealer for motor wraps; D. W. Onan & Sons. Sealing and sterilizing bandages simultaneously;	May	108
method Republic Aircraft Products—Packaging micro-finished aircraft engine parts; materials and methods	February November	58 74	Gotham Aseptic Laboratory, Inc	May March	$\frac{124}{129}$
RESEARCH	November	14	Toggle-jaw sealer; Pack-Rite Machines	January December	110
Package design research with your own staff; agencies Packaging laboratory; pattern and scope	March March	$\begin{array}{c} 105 \\ 140 \end{array}$	Water-resistant tapes for export packaging. B. L.	October	120
Plan now for re-conversion; after-the-war program. C. W. Browne.	October	59	TrodsonX-crepe paper bags sealed by cold, knurled pressure	November	
Progress report on test procedure; Packaging Institute Technical Committee	April	116D	rolls See also Norseal. Seeds. See Garden Supplies.	March	122
RE-USE CONTAINERS The Army re-uses; conservation of lumber and			SET-UP BOXES: PAPER		
paper Bottles	Ma: December	$\frac{76}{127}$	Belts in counter display box; Pioneer Suspender Co Conservation measures	June March	$\frac{104}{192}$
Case stories in paper conservation and container re- use	April	116A	Corrugated set-up with dry ice and insulating pads for fresh fish	March	158
Chipboard and corrugated boxes	December		Cosmetic kit for baby; soap, talcum, etc.; Helene Pessl	August	95
Co	July	102	First aid travel kit; Johnson & Johnson	September	
Navy Department. Frederick C. Barber Pliofilm drygoods containers and clothing storage bag	November October	97 105	Outer enclosures for Mary Dunhill cosmetics and	June	83
Plywood. Re-use campaign ties in with L-317 (limiting use of	April	82	colognePenicillin containers (vipules) in set-up boxes Perfume bottle containers; colored paper wraps for	November February	79 58
fibre boxes). R. L. Van Boskirk	November February	106 75	identification of different odors; Corot	May	94
Savings in critical materials	February	61	baseball theme—"Home Run Set," etc.; Sport- line, Inc.	January	64
habilitation. Shipping containers; obliteration of old markings on	N	70	Square boxes for face powder; conturier box for nail enamel and lipstick enamel; Revlon	November	68
crates, wooden boxes, corrugated containers Textile bags made into clothing	November March April	73 131 128	Vitamin packaging. War "Makeup"; insect repellents; camouflage colors;	April	67
WPB regulators Revlon Products Corp.—Square boxes for face powder;	March	190	collapsible tubes in set-up boxes; Coty SET-UP BOXES: WOOD	October	75
couturier box for nail enamel and lipstick enamel RUBBER	November	68	"Charm School" in hinged wooden box; cosmetics and beauty aids; Richard Hudnut	August	94
Derivative films for food packaging	November	55	Leatherette-covered boxes for Army and Navy medals; construction	June	84
RUBBER, SYNTHETIC AND SUBSTITUTES Conveyor belt; Goodyear Tire & Rubber Co	December	144	Leech shipments; packing in clay; Charles Yacco- bellis Overseas shipment of war communications systems;	November	88
Kem-Pol, substitute where lower tensile strength and elongation are permissible; Sherwin-Williams Co	September		waterproof paper lining; waterproof sealing tape or adhesive; excelsior substitutes; Western Elec- tric Co	October	76
RUBBER PRODUCTS Colloidal latex; potential applications (coating paper,			Pug-nose box which can be dropped without para- chute.	December	158
etc.); B. F. Goodrich Co	June	130	Rouge box with white enameling; Mary Dunhill Tools in chipboard boxes covered with identifying	November	79
eggs, golf balls, etc.; airproof and moistureproof protection; machine operation; Wingfoot Corp. (The Goodyear Tire & Rubber Co.)	August	91	photographs; Robert H. Clark Co Shattuck, Frank G. Co.—Rehabilitation of shipping con-	April	88
(The doodyear The e Rubber es.)		01	tainers	July	79
S			SHIPPING CONTAINERS Air cargoes (reviewed). J. D. Malcolmson Case histories in wood; packaging at Curtiss-Wright	March	224
Salt packaging. See Chemicals.			plants	May	104
Sanford Ink Co.—Sleeve container with 2 trays of 6 ink bottles each; display feature	May	95	Army standards Export containers for Navy clothing	July December	93 69
Sanib Corp.—Dried bananas in cellophane-wrapped blocks; banana powder in fibre drums; banatose			Fibreboard drums for seeds Freight claims resulting from faulty packing; corru-	December	81
(banana powder, skimmed milk, etc.) in glass	July	96	gated and solid fibre boxes; re-used boxes; clo- sures.	October	70
Sanitary Farm Dairies—Square milk bottles Saran. See Packaging Materials. Schnefel Bros. Corp.—Manicure kit in plaster of paris	August	102	Fresh fish in dry ice; packaging and shipping de- tails. How to Prepak in Corrugated Boxes; booklet of The	March	160
elephant; circular display case; La Cross line SCIENTIFIC INSTRUMENTS	March	116	Hinde & Dauch Paper Co Limitation on manufacture and use Packaging lessons learned from the war; V-boxes,	June November	$\frac{134}{108}$
Gun-director packaging for overseas shipment; Western Electric Co	October	79	small arms ammunition cartons, ration cartons, moistureproof pliofilm bag, handling of clothing		
Fluoroscopic inspection Moisture gage; Hart Moisture Gauges, Inc	September September	66	containers, Government container specifications.	March	110
Scientific research. See Research.			Paper bag (70-lb. kraft) holding 12 one-pound bags of roasted, ground coffee; Standard Brands, Inc.	July	89
SEALING, HERMETIC Bonding lead foil or lead sheet metallurgically; Rey-			Piano shipping; box lined with asphalt laminated paper	September	76
nolds Metals Co	February	112	Plywood's prospects, Rehabilitation of cartons; White Rock Mineral Springs Co.; Frank G. Shattuck Co	April July	83 77
Asphalt sealed Army biscuit cartons Effects of heat sealing on water-vapor permeabilities	May	75	Re-use of gingerbread mix cartons; The Hills Bros.	January	72
of coated cellophanes. William Rabak and G. L. Dehority	March	161	So You Know All About Case Sealing; booklet of F. G. Findley Co	October	124
Electric iron for sealing waterproof paper, used as barrier in packing gun-directors; Western Electric	Ontoba	90	Strap-bound wooden boxes for seed bags and cartons. What makes cans corrode in V-boxes; laboratory	December December	100
Heat-sealer, foot-pedal operation and multi-use sealer;	October	80	report Where the cartons are; distribution of 1943 production	June	126
Pack-Rite-Machines	November	114	LIOIL	June	-20

	Month	Page			
Wire-bound box lined with paraffined paper for gas masks (each in Pliofilm case) in quantity	September	59	TIN CANS	Month	Page
Wood-cleated fibre board boxes; construction; uses. Wooden containers for canned fuses. Bendix Avia-	February	80	Beer goes overseas in camouflaged cans	July March	$\begin{array}{c} 148 \\ 164 \end{array}$
tion Corp. (Eclipse Machine Division)	August December	146 72	Corrosion on coated metal food containers. C. E. Maier and S. L. Flugge. The electrolytic can—its present status and future.	April	116D
war zone heaters and parts; Carrier Unit Heaters. Wooden crates for war goods; Henry Ford	January	69	K. W. Brighton	January	93
SHIPPING PROBLEMS			tion Corp. (Eclipse Machine Division) Key opening type to hold parachutes and fuses for	August	83
Airplane packaging; experience applicable to auto- mobile shipment in postwar period	October	65	23-lb. fragmentation bombs; Army Air Corps Paper labels banned by Quartermaster Corps; sub-	February	73
Airplane transport British war packing code and practice; overseas	September	116 72	stitution of printed information over rustproof coating	May	91
shipments. Brochures of Shipping Management, Inc Corrosion of aircraft engine parts. See Corrosion	July January	114	Rusted cans in V-boxes; corrosion causes; recom- mendations	September December	
Prevention. Government specification manuals	March	114	Tin conservation program; wartime can-making practices.	September	
Marking of Army shipments. G. Wallerstein Overseas shipments must be marked right; military	November	98	Tipper temperature control of vent-hole fillers— evaporated milk cans; saving of solder, other		
requirements; basic principles. Overseas shipments of war communications systems;	October	60	advantages. David W. Choate	April	98
packing technique; Western Electric Co Overseas shipments—tools for marking; stenciling; duplicate packaging lists in waterproof envelopes	October	76	TOILET ACCESSORIES	December	100
protected by cover plate; paint stick maker; pen style marker; crayons; obliteration of old mark-			"Batter-up" series; pottery containers for shaving cream, lotion, talcum and deodorant; replicas of		
ings; marking inks. Packing-list protector plate; Western Paper Goods	November	70	baseballs, bats, etc.; sets in set-up box entitled "Home Run Set," etc.; Sportline, Inc	January	64
Packing tools for overseas forces	November September	$\frac{114}{52}$	Container problems; closures	October September	83 r 59
Protective packaging material; Jiffy Manufacturing Co "Speed Packing Manual for War Matériel"; Sher-	July	132	Manicure kit in plaster of paris elephant; circular display base; La Cross.	March	116
man Paper Products Corp	May	142	Men's toiletries (Balpine)—cologne, bath oil, hair groom, skin lotion and shaving lotion; custom- made labels, wooden closures; Ettoh Products Co.	August	94
SHOE POLISH Container problems; substitutes for tin	October	82	Package planning procedure Packaged permanent wave kit; 3 vials in sleeve box;	September	
Shulton, Inc. (House of Leigh)—Postwar perfume; new scents in same kind of bottle and box; separate			Turner Hall Corp	March	116
identifying tight wrap and label	December	72	machinery in packaging; tie-up with advertising; counter displays	August	112
SOAPS AND CLEANSERS Ivory soap in new dress; improved eye-appeal; Procter & Gamble	April	76	Shaving cream featuring Diexin in sticker effect; name of product subordinated to brand name— Krank's; Consolidated Chemical Corp	June	91
Package planning procedure; contributions of ad- ertising and manufacturing divisions	September	56	Stim-u-Dents (tooth space cleansers and gum massagers) in die-cut foldover	April	77
Shine remover and accessories in 16-oz. bottle housed with accessories in folding carton with built-in	•		See also Cosmetics and Perfumery. Tools. See Hardware; Machinery and Tools.		
handle; Household Chemists, Inc Soap cartons—good soldiers in peace and in war;	November	69	TRADEMARKS AND BRANDS		
functional beauty. Lane Marohn	May	102	Army Exchange keeps brands alive. Ruth Coale	October	88
SPORTING GOODS Tackle for fighting men in $3'' \times 3'' \times 1''$ molded			Brand identity in emergency container. Export seal program for non-Lend-Lease shipments; decalcomania service of The Meyercord Co	October July	130 132
cellulose acetate box; Kingfisher Fishing Tackle Sportline, Inc.—"Batter-up" series; pottery containers	June	90	How labels keep brand identity	January	60
for shaving cream, lotion, talcum and deodorant; replicas of baseballs, bats, etc	January	64	bury Flour Mills Co Trademark interests to be reported to Alien Property	May	66
Squibb, E. R. & Sons—Penicillin packaging; dry methods.	February	$\frac{122}{74}$	Custodian. Turner Hall Corp.—Packaged permanent wave kit;	January	106
Sulfanilamide envelopes. Standard Brands, Inc.—Paper bag (70-lb. kraft) holding 12 one-pound bags of roasted, ground coffee	October July	89	3 vials in sleeve box. Typecuts in boxes; American Type Founders	March January	$\frac{116}{78}$
STANDARDIZATION	,,		IJ		
Package and package material testing. Charles A. Southwick, Jr	September	86	UNIT PACKAGING		
STEEL Stainless steel booklet; Jessop Steel Co	December	144	Postwar trend in drug, toiletries, cosmetic, food, hardware and novelty fields; machine methods,		
STENCILING	December	144	wrapping materials United States Army and Navy. See Wartime Packaging	August	80
Box corner; H. G. Hanline Co	December November		—Armed Forces. U. S. Patent Digest.	September	
SURVEYS				October November	
Current operating practices in package development; personnel, training, departmental activities, pack-	M - 1	104		December January February	142 108 110
aging committees. Swift & Company—Cubes of vegetable shortening (Vreamay) in fibreboard container.	March Ianuary	134 65		March April	196 132
may) in instance container	January	00		May June	$\frac{138}{128}$
T				July August	$\frac{128}{136}$
TANKS Electric heating tanks for heating wax or rust pre-			Upjohn Co.—Pill box in heat-sealed envelope of kraft paper, cellulose film and metal foil; production	Fohmony	69
ventatives, etc.; D. C. Cooper Co	August August	$\frac{140}{140}$	operations	February	62
Technical Assn. of Pulp and Paper Industry Annual meeting	February	116	V		
Army and Navy Requirements Conference; summary of addresses.	November	96	Vacuum packing in a flexible package	October	108
TELEPHONE EQUIPMENT			Vinyl resins. See Plastics.		
Packing and shipping for Army and Navy. Western Electric Co	October August	$\frac{76}{114}$	VISIBILITY Set-up boxes, cellophane wraps for cookies; Cream-		-
TELEVISION	August	114	O-Specialty Sales Co	August July	88 84
Effect on package design Televising the package; close-ups to promote pack-	November	57	YAY		
age recognition; featuring the package in action, product in use, point-of-sale, manufacturer's plant,			W		
production and packaging operations; color prob- lem. Wallace F. Janssen	April	59	War Price Board—Containers Branch: chart of Divisions, Committees, etc		127
TEXTILE PRODUCTS Bags—their present and future; burlap, cotton, etc.;			WARTIME PACKAGING Armed forces:		
construction and uses; closure tests; re-use Fireproofing and moldproofing	March May	$\frac{126}{126}$	Armed forces: Army air forces packaging problems. R. A. Schmidt	November	102
TIN			Army frozen vegetable standards; cartons, liners, overwraps, shipping cases, etc. Lt. Robert de S.		
Salvaging toothpaste and shaving cream tubes	November	118	Couch	July	90

	Month	Page		Month	Page
Banning of paper labels on tin cans; printed infor- mation over rustproof coating	May	91		May June	$\frac{132}{122}$
Can to hold parachutes and fuses for 23-lb. frag- mentation bombs; Army Air Corps	February	73		July August	$\frac{124}{132}$
Conservation of lumber and paper; re-use Gas masks (each in Pliofilm container) in wire-	May	76	Waverly Co.—Savory herbs; individual glassine-wrapped packets in folding white carton	November	69
bound box lined with paraffined paper How to bale for the Army; Osnaburg baling cloth	September	59	WAXED PAPER		00
and tubing	September	68	Bandage wrappingLimitation on manufacture and use	September November	
of containers for hats, overcoats, underwear, etc	December	68	Petroleum waxes; wet and dry waxing; laminating; application methods; uses—food packaging, ord-		47
Packaging and packing for the armed forces; Panel at 14th Annual AMA Packaging Confer-			nance wraps, etc	January	47
ence and ExpositionPackaging materials required for preservation—	April	104	tute for cellophane-wrapped printed carton; laun- dry blue; Calco Chemical Division of American	Navamban	60
Army and Navy aeronautical specifications Packaging medical supplies for the Army—pro-	November		Cyanamid Co Wrapping micro-finished aircraft engine parts; Re-	November November	
rection, accessibility, dispensability Performance specs versus material specs—military	November		public Aircraft Products WEIGHING MACHINES	November	14
packaging. Major Robert R. Melson Processed foods in combat areas; types of con-	September		Pre-determined weight scale; Toledo Scale Co Western Electric Co.—Overseas shipments of war com-	July	132
tainers and shipping cases	July	118	munications systems; packing technique Packaging radio and wire communications for in-	October	76
for Army service; packaging methods U.S.O. in a box; compact service kit distributed	September		vasion	August	114
by "42" Products, Inc. E. F. Lougee	February	90	ping containers	July	77
evidence of necessity for rigid overseas packaging and packing specifications. P. P. Kennedy	January	56	jeep-time; conveyor system for replacement parts.	May	88
See also Food Packaging; Life Saving Equipment; Medical and Surgical Supplies.			WOODEN CONTAINERS High strength boxes without metal; use of wooden		
British war packing code and practice; overseas shipments	July	72	dowels; Klomparens Lock Joint Manufacturing	February	112
Color for Ration K cartons; advantages	April	63.	Lobsters in slack cooperage barrels	June	106
tion, packaging, use (heating rations)	July	80	ciated Cooperage Industries of America, Inc See also Shipping Containers.	June	134
for integrating production programs. J. A. Krug. Labels that carry the flag; War Food Administra- tion's standard package design, Foreign Economic	March	93	Worcester Salt Co.—Fifty years of salt canister styling.	August	92
Administration's Lend-Lease flag	June	72	WRAPPING MACHINES Cellophane-wrapped cookie boxes; Cream-O-Spe-		
"Meeting Wartime Restrictions"—theme of Pack- aging Institute annual meeting; proceedings Must American labels be blacked out: Camouflage	December	107	cialty Sales Co	August	90
by use of water-resistant labels and adhesives;	D	0.4	special bricking and wrapping machine; Doughboy Mills, Inc.	July	87
Army requirements. Packaging lessons learned from the war; V-boxes,	December	84	Electronics at work on quality control; photoelectric cell on wrapping machines. V. B. Baker	November	91
small arms ammunition cartons, ration cartons, moistureproof pliofilm bag, handling of clothing			Morrow-Stevens paper wrapper and sealer; Maxon Automatic Machinery Co	February	112
containers, Government container specifications. J. D. Malcolmson Proving Ground''; motion picture on developments	March	110	WRAPPING MATERIALS Greaseproof paper for war zone heaters and parts;		
in plastic packaging; Celanese-Celluloid Corp Textile bags; Army, Navy and Lend Lease uses	July March	136 126	Carrier Unit Heaters	December September	
What is relation of WFA to WPB containers branch?	October	96	Waxed triple lamination of kraft, cellophane, sulphite for concentrated soup mix; Doughboy Mills, Inc.	July	87
Programming of food production and containers Wood-cleated fibreboard boxes; construction; uses. Washington Review; summary of current restrictions and	February	80	Wyler and Company—Bouillon cube packets; waxed paper wrapping, heat-sealed cellophane tube, fold-	July	04
limitations. R. L. Van Boskirk	September October	94	ing carton	December	73
	November December	108	Y		
	January February	104 104	Yaccobellis, Charles-Leeches in tin and wooden con-		
	March April	190 126	tainers; packing in clay for export, in moss for domestic shipment.	November	88
			•		
	AIIT	HORS'	INDEX		
	AU I	HUKS	INDEX		
A			C		
	Month	Page	CAMPANA PRIME C. W	Month	Page
ARONOVSKY, S. I., TALBURT, W. F., AND LATH- ROP, E. C. Norseal—a new cork substitute	June	116 *	CAMPINS, FRANK C. Water-resistant glues in new geography of packaging.	December	112
ROT, D. C. Horself a new cork substitute	June	110	CARLL, RUTH COALE. Army Exchange keeps brands alive	October	88
			CLARK, ALLEN F. Bright future for vinyl resins; properties; use in food packaging. COOKE, GILES B. AND SCHMIDT, CLIFTON F., JR.,	March	153
В			Home-grown cork; progress in the U. S.; closure	Ameil	70
BABSON, JOHN C. What can engineers expect of			uses. COPSON, H. R. Corrosion of tin-nickel alloy coatings	April	78
paper packaging? List of requirements BAKER, V. A. Electronics at work on quality control;	November		on steel. COUCH, ROBERT DE S. Army frozen vegetable	March	164
photoelectric cells on wrapping machines BARBER, FREDERICK C. Paper and container	November		standards; cartons, liners, overwraps, shipping cases, etc. COWAN, J. C., AND OTHERS. Norelac—a new	July	90
preservation and reclamation—Navy department. BARNBY, H. A. Automatic glass packaging; outline	November		thermoplastic polymer for packaging	May	113
of Glass Packaging Manual in preparation BARTON, SAMUEL G. Testing marketwise; protec-	December	.111	mance—bulk vs. package handling	April	108
tive feature, dispensing service, unit size, com- modity and brand identification, potential selling			D		
power, instructions, storage possibilities; research agencies. BREYER, RALPH F. Package versus bulk handling	March	104	В		
costs; test product—rice	December	74	DAWSON, CARL. Insect infestation; fumigation (methods)—from the inside and outside	February	96
Packaging cost and package performance—bulk vs. package handling	April	108	DEHORITY, G. L. Effects of heat scaling on water- vapor permeabilities of coated cellophanes	March	161
package handling BRIGHTON, K. W. The electrolytic can—its present status and future.	January	93	DE SYLVA, OSCAR. Lamination: Methods and equipment.	August	117
BROWNE, CHRISTOPHER W. Is everyone conserv-	April	9.5	DUFFORD, J. R. Vegetable parchment, wet strength and grease-resistant	May	83
ing paper? Direct mail advertising Land of plenty; postwar job of feeding the world;	April	85 85			
container problems. New Year's prophecy in packaging field—military and civilian needs.	March January	55	E		
Paper situation; supply of pulp logs, priorities, con- servation, reclamation and re-use practices, pack-	January	00	ELDER, L. W. Mechanism of gas flow through mem-	February	100
aging material, government and civilian orders Flan now for re-conversion; after-the-war program.	September October	43 59	ENGLE, NATHANIEL H. When aluminum returns	·	100
Today we conserve; campaigns for conservation of materials and re-use containers	February	61	from the wars; prewar uses; wartime develop- ments; postwar uses—cans of aluminum-coated sheet steel, beer barrels, chemical carboys; foil	January	66
materials and re-use containers	Lordary		succe seed, beer barrers, cheditear carboys, 1011	January	00

N 1841					_
ESKIN, SAM. The consumer's stake in pre-packed	Month	Page	MANWARRING, T. E. Glass order amendments; effect	Month	Page
merchandise ESSIG, E. O., AND OTHERS. Insect penetration of	April	111	of standardization; manpower and transportation, fuel, shipping cartons, closures	October	95
packaging materials (Journal of Economic Ento- mology)	July	109	MAROHN, LANE. Soap cartons—good soldiers in	May	102
mology)	July	100	peace and in war; functional beauty. MASTERMAN, NANCY. What the consumer wants in frozen food packaging.	May	78
F			MELSON, ROBERT R. Performance specs versus material specs—military packaging	September	
FALKENBURG, L. B. See Cowan, J. C., jt. auth.			What the quartermaster corps expects from paper	November	
FAUGHT, MILLARD C. Seeds at war; shipments abroad; types of containers.	December	80	products—progress in packaging subsistence items. MILLER, MELVIN D. Packaging for air cargo ship-		
FLUGGE, S. L. Corrosion on coated metal food containers.		116D	ments. MOCK, HUGO. Should advertising and packaging	April	110
tamers	11pin	1102	(labeling) have a single legal standard?	August	109
G			N		
GORDON, ROBERT. Technical aspects in coating			NEUMAN, WILLIAM, VAN WAZER, F. P., AND		
impervious papers	April	97	WILSON, ROGER. Dehydrated foods—packag- ing and storing; summary of paper NEUSSLE, FRED A. The organization and operation	July	116
aging. The measurement of humidity equilibria	December April	114 116C	NEUSSLE, FRED A. The organization and operation of a package development department	April	103
Water penetration: Packages	December		р		
Packaging materials. Water-vapor permeability.	December December	120			
GUNNARSON, A. B. Future trends in distribution— merchandising methods, self-service, store fixtures,	December	110	PAIGE, RICHARD E. A key to boxboard economy is in the locks—relieving paper shortage	January	84
television, vending machines, quick-freezing and dehydration; importance of appropriate packag-			PITROT, A. R. See Williams, F. J., jt. auth.		
ing	March	102	R		
			RABAK, WILLIAM. Effects of heat sealing on water-		
Н			vapor permeabilities of coated cellophanes ROLLINS, MABEL A. The housewife looks at pack-	March	161
HALLADAY, JOHN F. Postwar trends in paper coat-	Tumo	111	aging; sizes and shapes—adaptability to shelving. RUSSELL, RALPH C. Progress in roll-type labels;	July	69
ing; technical developments. HIROSE, ARTHUR P. Changing ways of living—	June	111	application methods	November	82
population shifts, farm markets, housing, kitchens, fewer servants, fewer younger consumers, fewer			S		
men, more important women, marital status, new consumer awareness, income, new consumers for	M	90	SCHAFER, H. L. See MacRae, F. J., jt.auth.		
packaged goods—effect on postwar packaging HOLBROOK, H. T. Requirements of protective papers	March	86	SCHMIDT, CLIFTON F., JR. See Coo e, Giles B., it. auth.		
for ordnance overseas packaging	November	98	SCHMIDT, R. A. Army air forces packaging problems. SCHWAB, A. W. See Cowan, J. C., jt. auth.	November	102
practices in package development; personnel, training, departmental activities, packaging com-			SHELDON, CHARLES L. What is today's packaging picture? Government control; use of available		
mittees	March	134	materials; re-use campaign	December	109
Ţ			SHERMAN, VERNON W. The impact of electronics on industry; electronic heating in packaging in-	A:1	110
			dustry Insect infestation; electronic sterilization with pack-	April	110
JANSSEN, WALLACE F. Televising the package; close-ups to promote package recognition; featur-		***	SKIDMORE, E. A. X-crepe (moisture-vaporproof)	February	99
JOY, A. F. Spinach—7,000,000 pounds; preparation,	April	59	paper; how it's made and usedSOUTHWICK, CHARLES A., JR. How to organize	March	118
packing, sealing, freezing, storage	October	98	a packaging departmentLamination: Theory and composition	March July	138 105
. К			Package and package material testingStandard test methods on packaging and packaging	September	
			materials—development	December	114
KAUFMAN, HERBERT. How leading designers select color for a package a survey; suiting the prod-			factor in Chemical Warfare Service packaging— waterproof paper, asphalt-laminated cylindrical		0.0
uct, eye-appeal, contrast to competitors, company traditions, functional use, price	February	88	STELPFLUG, W. J. Pre-packing of perishable foods—	November	
KENDRICK, L. W. An engineer speaks for the future; specifications for postwar equipment—operation,			from merchandising viewpointSTUDLEY, JAMES D. Packaging medical supplies for	August	71
safety, speed, set-up, output, design. KENNEDY, P. P. Why Navy 39P16a, Army 100-14a?	December	90	the Army—protection, accessibility, dispensability.	November	100
Pictorial evidence of necessity for rigid overseas packaging and packing specifications	January	56	T		
KIRK, DOUGLAS S. What users want and need in postwar packaging machinery.	April	109	TALBURT, W. F. See Aronovsky, S. I., it. auth.		
KRUG, J. A. How long Government controls? WPB machinery for integrating production programs	March	93	TALBURT, W. F. See Aronovsky, S. I., jt. auth. THUNE, SIDNEY. Resin adhesives	April	110
			mistakes. TRODSON, B. L. Water-resistant tapes for export	May	98
L			packaging	November	102
LATHROP, E. C. See Aronovsky, S. I., jt. auth.			V		
LEINBACH, F. S. Oil and grease penetration:	D	100	VAN BOSKIRK, R. L. Are they saving paper? Ask		
Packages Packaging materials	December December	120	WPB; paper salvage campaign; re-use containers; unused boxes.	February	74
Packaging engineering—basis LEVEY, HAROLD A. Alien patents dealing with	December	116	Nationwide drive for more pulp—production and conservation	September	
packaging available to American public; list of unfabricated packing materials, fabricated pack-			Re-use campaign ties in with L-317 (limiting use of	November	
ages, equipment and machinery	January	87	fibre boxes)	240vember	100
basic principles plus war lessonsLOUGEE, E. F. U.S.O. in a box; compact service kit	March	106	Foods (reviewed)	October	124
distributed by "42" Products, Inc LUND, JOEL Y. Meeting Wartime Restrictions; func-	February	_90	W		
tion of Packaging Institute	December	108		Month	Page
M			WALLERSTEIN, G. Marking of Army shipments	November	Page 98
			WESLEY, W. A. Corrosion of tin-nickel alloy coatings on steel	March	164
MACHALE, W. H. Stripping urea; use for closures; properties	July	114	WHEEDON, D. R., JR. Packaging materials required for preservation—Army and Navy aeronautical		
properties and postwar potentials as moisture proof			specifications	November	
packaging material	December		be no guesswork; marketing methods tests WHITEHEAD, G. W., AND BROWN, M. A., IR.	November	
tainers	April March	116D 224	Polystyrene—properties and uses	May	120
small arms ammunition cartons, ration cartons,			container for oil paste; construction, tests, etc WILLIAMSON, M. A. The future of quick-frozen and	June	92
moistureproof pliofilm bag, handling of clothing containers, Government container specifications.	March	110	dehydrated foods	April	101

